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Orthopaedic fixing screw - has additional smaller internal hexagon coaxial to first joining onto it in head

Patent Assignee: MECRON MEDIZINISCHE PROD GMBH

Inventors: ANAPLIOTIS E

Patent Family (2 patents, 1 country)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 3434807	A	19851219	DE 3434807	A	19840919	198601	B
DE 3434807	C	19870723	DE 3434807	A	19840919	198729	E

Priority Application Number (Number Kind Date): DE 18588 A 19840615; EP 1985730078 A 19850605

Patent Details

Patent Number	Kind	Language	Pages	Drawings	Filing Notes
DE 3434807	A	DE	13	3	
DE 3434807	C	DE		3	

Alerting Abstract: DE A

The orthopaedic fixing screw has a drilling through it in the lengthwise direction, with a concentric internal hexagon in the head. There is a second internal hexagon (7) in the head (4), smaller than the first (6), joining onto it and coaxially aligned with it.

The internal faces of the two hexagons can be tee parallel to each other, the ratio between their diameters being 8:5 and these being 3.5 and 2.5mm. There can also be coaxial external hexagons of different diameters and joined together.

USE - Accommodates hexagon keys of different sizes.

Equivalent Alerting Abstract:

DE C

The orthopaedic fixing screw has a drilling through it in the lengthwise direction, with a concentric internal hexagon in the head. There is a second internal hexagon (7) in the head (4), smaller than the first (6), joining onto it and coaxially aligned with it.

The internal faces of the two hexagons can be tee parallel to each other, the ratio between their diameters being 8:5 and these being 3.5 and 2.5mm. There can also be coaxial external hexagons of different diameters and joined together.

USE - Accommodates hexagon keys of different sizes.

International Classification (Main): A61B-017/58 **(Additional/Secondary):** B25B-015/02

Original Publication Data by Authority

Germany

Publication Number: DE 3434807 A (Update 198601 B)

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****Schraube zur orthopaedischen Fixation****

Assignee: Mecron Medizinische Produkte GmbH, 1000 Berlin, DE (MECR-N)

Inventor: Anapliotis, Emmanuel, 1000 Berlin, DE

Agent: Christiansen, H., Dipl.-Ing., Patentanwalt, 1000 Berlin

Language: DE (13 pages, 3 drawings)

Application: DE 3434807 A 19840919 (Local application)

Priority: DE 198418588 U 19840615 (Utility priority) EP 1985730078 A 19850605

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Current ECLA ICO class: K61B-17:86A2

Claim: * 1. Schraube zur orthopaedischen Fixation, insbesondere mit einer in Laengsrichtung durchgehenden Bohrung, mit einem konzentrischen Innensechskant im Kopfbereich, dadurch gekennzeichnet, dass im Bereich des Kopfes (4) ein weiterer Innensechskant (7) vorgesehen ist, welcher kleiner als der erste Sechskant (6) ausgebildet ist und sich in koaxialer Ausrichtung an den ersten Innensechskant in Laengsrichtung zum Schraubeninneren anschliesst. |DE 3434807 C (Update 198729 E)

Publication Date: 198707 23

****Schraube zur orthopaedischen Fixation und Sechskantschraubendreher hierfuer****

Assignee: Mecron Medizinische Produkte GmbH, 1000 Berlin, DE

Inventor: Anapliotis, Emmanuel, 1000 Berlin, DE

Agent: Christiansen, H., Dipl.-Ing., Patentanwalt, 1000 Berlin

Language: DE (3 drawings)

Application: DE 3434807 A 19840919 (Local application)

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Current ECLA class: A61B-17/86A A61B-17/86B A61B-17/86D A61B-17/88S B25B-15/00B F16B-23/00U

Current ECLA ICO class: K61B-17:86A2

Claim: * 1. Schraube zur orthopaedischen Fixation, mit einem Kopf, der einen konzentrischen Innensechskant aufweist, **dadurch gekennzeichnet,** dass im Bereich des Kopfes (**4**) ein weiterer Innensechskant (**7**) vorgesehen ist, welcher kleiner als der erste Innensechskant (**6**) ausgebildet ist und sich in koaxialer Ausrichtung an den ersten Innensechskant in Laengsrichtung zum Schraubeninneren anschliesst.

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